BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

SCHEDULE - B

Name of the Work : Improvements to Varadarajanagara Burial Grounds in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Schedule-B Rates KRIDL		
				In Figures	Amount	In Words
1	1.29	Earth work in surface excavation in **ordinary soil** for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	156.88	202.38	Rupees One Hundred Fifty Six and Eighty Eight Paise Only
2	416.25	Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in ordinary soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	188.68	78538.05	Rupees One Hundred Eighty Eight and Sixty Eight Paise Only
3	2.70	Providing and filling in foundation with granite/trap broken metal 100mm, and down size, with approved sand including had packing, ramming, watering, including cost of all materials and labour with all lead and lift, etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	2133.78	5761.21	Rupees Two Thousand One Hundred Thirty Three and Seventy Eight Paise Only
4	18.14	Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	4976.70	90277.34	Rupees Four Thousand Nine Hundred Seventy Six and Seventy Paise Only
5	9.96	Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	4058.74	40425.05	Rupees Four Thousand Fifty Eight and Seventy Four Paise Only
6	5.91	Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	4814.52	28453.81	Rupees Four Thousand Eight Hundred Fourteen and Fifty Two Paise Only

Sl. No.	Approved Qty.	Description	Unit	Schedule-B Rates KRIDL In Figures	Amount	In Words
7	4.53	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	6083.34	27557.53	Rupees Six Thousand Eighty Three and Thirty Four Paise Only
8	416.25	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	127.20	52947.00	Rupees One Hundred Twenty Seven and Twenty Paise Only
9	316.11	Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	999.58	315977.23	Rupees Nine Hundred Ninety Nine and Fifty Eight Paise Only
10	0.54	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **TMT Bars FE 500** etc., complete and as per the directions of the Engineer-in-charge of the work	Tonne	58229.25	31443.80	Rupees Fifty Eight Thousand Two Hundred Twenty Nine and Twenty Five Paise Only
11	65.79	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc, consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 cement layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junction of walls and slabs, (c) after two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with t 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 3000x300mm square, (e) the whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of ma	Sqm	926.64	60963.65	Rupees Nine Hundred Twenty Six and Sixty Four Paise Only

Sl. No.	Approved Qty.	Description	Unit	Schedule-B Rates KRIDL		
				In Figures	Amount	In Words
12	23.04	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 gaguge M.S hollow pipe frame work bent to ornimental shape as shown in the drawing and 35 mm x 6 mm and 16 x 16mm squate roads for verticals alternatively spaced at 4 cms c/c in two halves and 40 mm x 6mm M.S Flates for horizontal memeber and at the top cast iron spikes	Sqm	3299.40	76018.18	Rupees Three Thousand Two Hundred Ninety Nine and Forty Paise Only
13	4.72	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to **ceiling** including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	193.98	915.59	Rupees One Hundred Ninety Three and Ninety Eight Paise Only
14	34.08	Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	235.32	8019.71	Rupees Two Hundred Thirty Five and Thirty Two Paise Only
15	38.80	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	25.44	987.07	Rupees Twenty Five and Forty Four Paise Only
16	632.96	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	199.28	126136.27	Rupees One Hundred Ninety Nine and Twenty Eight Paise Only
17	51.73	Flooring with 25mm to 40mm thick polished **shahabad slabs** using mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	1216.88	62949.20	Rupees One Thousand Two Hundred Sixteen and Eighty Eight Paise Only
18	4.72	Providing and removing centering, shuttering, strutting, propping etc., and **removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm** including cost of all materials, labour etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	323.30	1525.98	Rupees Three Hundred Twenty Three and Thirty Paise Only
19	21.33	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	265.00	5652.45	Rupees Two Hundred Sixty Five Only
20	25.74	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **columns**, pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	896.76	23082.60	Rupees Eight Hundred Ninety Six and Seventy Six Paise Only

Sl. No.	Approved Qty.	Description	Unit	Schedule-B Rates KRIDL In Figures	Amount	In Words
21	5.04	Supply and fixing pressed steel door frames size 125x65 mm manufacture from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and sutters made out of seasoned honne wood, styles of 30mm, thick with lock rail of 160mm, width, top and side rails of 100mm, width width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be not proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years, this shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting wit enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc, complete the hollow portion of the frame to be filled with cement concrete1:2:4 etc., complete and as per the directio 1:4 admixed with proprietary water proo	Sqm	3710.00	18698.40	Rupees Three Thousand Seven Hundred Ten Only
22	5.40	Supplying and fixing pressed steel window frame of size 100x50mm manufacture from 1.25 mm thick carbon steel or imported steel strips with neat mitred joints at 900degree for window openings and shall be suitable to fix M.S grills as per design and drawings using 12mm dia roads at 100mm centre to centre horizontally and two members of M.S flats of 6mmx40mm size at 150mm apart, welded into a frame of 6mmx40mm size M.S flats with 16mm size lugs, and 8nos, of 100mm size hinger, 4nos of butt stay pins and 4nos, tower bolts and shutters half paneled and half glazed with shutters made out of seasoned honne wood, styles of 30mm thick and 100 mm width and rails of 30mm thick and 100 mm width and using 4mm thick pin headed glass and panel, filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof vermin proof, heat resistant guaranteed against shrinkage, warp age and such other defects for a period of 3 years, this shall be as per approved drawinrowel and neat cement slurry and making of 3000x300mm square, (e) the whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour etc., complete and as per the directions of the Engineer-in-charge of the workterials, labour etc., complete and as per the directions of the Engineer-in-charge of the work of the Engineer-in-charge of the work	Sqm	4028.00	21751.20	Rupees Four Thousand Twenty Eight Only
23	131.50	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after througly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	69.96	9199.74	Rupees Sixty Nine and Ninety Six Paise Only
24	725.66	Providing and finishing external walls in two coats with water proof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. **with primer** etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	83.74	60766.77	Rupees Eighty Three and Seventy Four Paise Only
25	6.00	Providing and fixing in wall surface 2.5 kg/sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, etc., complete and as per the directions of the Engineer-in-charge of the work	M	451.56	2709.36	Rupees Four Hundred Fifty One and Fifty Six Paise Only

Sl. No.	Approved Qty.	Description	Unit	Schedule-B Rates		
				KRIDL		
				In Figures	Amount	In Words
26	9.00	laying reinforced cement concrete pipe NP4 / prestressed concrete pipe for culverts on first class bedding of granular material in double row including fixing collar with cement morta 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications, A.1000 mm dia, etc., complete and as per the directions of the Engineer-in-charge of the work	M	23586.06	212274.54	Rupees Twenty Three Thousand Five Hundred Eighty Six and Six Paise Only
27	15.00	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 50mm dia nominal bore with fittings (medium grade weight 5.24 kg/mtr) B class including cost of all materials, labour, charges HOM of equipments and testing etc., complete and as per the directions of the Engineer-in-charge of the work	m	534.24	8013.60	Rupees Five Hundred Thirty Four and Twenty Four Paise Only
28	6.00	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 32mm dia nominal bore with fittings (medium grade weight 3.23 kg/mtr) etc., complete and as per the directions of the Engineer-in-charge of the work	m	366.76	2200.56	Rupees Three Hundred Sixty Six and Seventy Six Paise Only
29	12.00	Providing and fixing in position brass stop cock of approved quality 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Each	167.48	2009.76	Rupees One Hundred Sixty Seven and Forty Eight Paise Only
		Total			1375044.74	

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Signature of the Contractor

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24/10/16